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Detection method for at least one regulatory factor - using the interaction of at least two regulatory factors responding to inhibitors with a positive signal, e.g. lacZ-prodn..

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Inventor: ALTMANN H; WENDLER W

Number of Countries: 034 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Main IPC	Week
DE 19502584	A1	19950803	DE 1002584	A	19950127	C12Q-001/68	199536 B
WO 9520652	A1	19950803	WO 95EP297	A	19950127	C12N-015/00	199536
AU 9516625	A	19950815	AU 9516625	A	19950127	C12N-015/00	199546

Priority Applications (No Type Date): DE 4402569 A 19940128

Language, Pages: DE 19502584 (34); WO 9520652 (G, 92)

Abstract (Basic): DE 19502584 A

Claimed is a method for the determinn. of at least one first regulatory factor (RF) comprising (a) providing at least one reporter system (RS) having at least one arrangement of genes including at least one reporter gene, (b) providing at least one second gene arrangement encoding at least one second RF whereby the second RF influences the activity the RS, (c) influence of the at least one first RF on the activity of the second RF and (d) detection of the activation of at least one RS by addition of at least one inhibitory component that influences the interactions of the first and second RFs.

USE - The method is used for the detection of inhibitors (claimed), pref., peptides, which may be used for the development of therapeutics.

ADVANTAGE - Compared to prior art methods which detect any inhibitors by a lack of expression, in the new system, the activity of the first RF results in a positive signal since it influences a second RF rather than the RS directly.

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